From: Dutton, Steven [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=795A1526FEEC425F8BE0B3F5C0A671C6-DUTTON, STEVE]

Sent: 10/5/2018 9:02:32 PM

To: Sacks, Jason [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2099bec11ced4d5c88c07a89aa8ee652-Sacks, Jason]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Greaver, Tara

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=87aaaee6c3784c4ba57193cdb5ba84f4-Greaver, Tara]

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Thanks for getting back to me. Yes, that was quite a scramble; seems to be the	e norm these days. Thanks for taking time
out of the meeting to handle this urgent request from the IOAA.	Deliberative Process / Ex. 5
Deliberative Process / Ex. 5 Hope the workshop was insightful	
Steve	

From: Sacks, Jason

Sent: Thursday, October 04, 2018 8:40 PM

To: Dutton, Steven < Dutton. Steven@epa.gov>; Vandenberg, John < Vandenberg. John@epa.gov>; Greaver, Tara

<Greaver.Tara@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Sorry Steve. I couldn't figure out what edits you had made. When I had it in track changes I didn't notice it. John and I were both having issues with One Drive while we were at the meeting today.

Deliberative Process / Ex. 5

Jason

Jason D. Sacks, M.P.H. Epidemiologist

U.S. Environmental Protection Agency National Center for Environmental Assessment

Phone: 919-541-9729 Fax: 919-541-1818

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From: Dutton, Steven

Sent: Thursday, October 04, 2018 12:31 PM

To: Vandenberg, John < Vandenberg_John@epa.gov>; Sacks, Jason < Sacks_Jason@epa.gov>; Greaver, Tara

<Greaver.Tara@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Hi All,

I've been conducting PARS meetings. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Bahadori, Tina

Sent: Thursday, October 04, 2018 11:56 AM

To: Vandenberg, John < <u>Vandenberg John@epa.gov</u>>; Champlin, Anna < <u>Champlin, Anna@epa.gov</u>>; Sacks, Jason

<<u>Sacks.Jason@epa.gov</u>>; Greaver, Tara <<u>Greaver.Tara@epa.gov</u>>; Dutton, Steven <<u>Dutton.Steven@epa.gov</u>>; Nichols,

Jennifer < Nichols Jennifer@epa.gov>

Cc: Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma

<<u>Lavoie.Emma@epa.gov></u>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

OK, Anna. Would you finalize and send to Lou? Please copy John and me.

Τ.

From: Vandenberg, John

Sent: Thursday, October 4, 2018 11:44 AM

To: Bahadori, Tina Bahadori.Tina@epa.gov; Champlin, Anna Champlin.Anna@epa.gov; Sacks, Jason

<<u>Sacks.Jason@epa.gov</u>>; Greaver, Tara <<u>Greaver.Tara@epa.gov</u>>; Dutton, Steven <<u>Dutton.Steven@epa.gov</u>>; Nichols,

Jennifer < Nichols.Jennifer@epa.gov>

Cc: Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma

<Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

We're good with this.

Use tentative for CASAC dates but keep in - keeps the pressure on

From: Bahadori, Tina

Sent: Thursday, October 04, 2018 11:40 AM

To: Champlin, Anna <Champlin.Anna@epa.gov>; Sacks, Jason <Sacks.Jason@epa.gov>; Vandenberg, John

<Vandenberg.John@epa.gov>; Greaver, Tara <Greaver.Tara@epa.gov>; Dutton, Steven <Dutton.Steven@epa.gov>;

Nichols, Jennifer < Nichols. Jennifer@epa.gov >

Cc: Ross, Mary <Ross.Mary@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Lavoie, Emma

<Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

I will leave the 'pen' to the ISA team. A couple of quick thoughts:

Deliberative Process / Ex. 5

That's all I have.

Τ.

From: Champlin, Anna

Sent: Thursday, October 4, 2018 11:34 AM

To: Bahadori, Tina <Bahadori, Tina@epa.gov>; Sacks, Jason <Sacks.Jason@epa.gov>; Vandenberg, John

<<u>Vandenberg John@epa.gov</u>>; Greaver, Tara <<u>Greaver.Tara@epa.gov</u>>; Dutton, Steven <<u>Dutton.Steven@epa.gov</u>>; Nichols, Jennifer <Nichols.Jennifer@epa.gov>

Cc: Ross, Mary <<u>Ross.Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Clean v2 attached. There's still a question about the date of the CASAC meeting. And do we all agree that the we are here is useful? The other idea would be to provide separately to IOAA and they can determine if it's useful.

Anna Champlin
National Center for Environmental Assessment
EPA Office of Research and Development
(Desk) 202-564-8074
(Cell) 2 [Deliberative Process / Ex. 5]

From: Bahadori, Tina

Sent: Thursday, October 04, 2018 11:08 AM

To: Sacks, Jason < Sacks, Jason@epa.gov>; Vandenberg, John < Vandenberg, John@epa.gov>; Greaver, Tara

<Greaver.Tara@epa.gov>; Dutton, Steven < Dutton.Steven@epa.gov>

Cc: Champlin, Anna < Champlin.Anna@epa.gov>; Ross, Mary < Ross.Mary@epa.gov>; Jones, Samantha

<Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

OK, that's probably more accurate. Anna, we leave this in your hands for one last scrub and turn a clean version back to all of us. OK?

From: Sacks, Jason

Sent: Thursday, October 4, 2018 11:07 AM

To: Vandenberg, John < Vandenberg, John@epa.gov>; Greaver, Tara < Greaver, Tara@epa.gov>; Bahadori, Tina

<<u>Bahadori.Tina@epa.gov</u>>; Dutton, Steven <<u>Dutton.Steven@epa.gov</u>>

Cc: Champlin, Anna < Champlin.Anna@epa.gov>; Ross, Mary < Ross.Mary@epa.gov>; Jones, Samantha

<Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

I agree. I think it looks good. I think the only remaining revision is the one John noted. Probably best to say "PM2.5 remains the risk driver". The indicator part is not our call. OAQPS will make that statement in their documents.

I noticed Tara said the PM CASAC date was changed to 12-13. Is this correct? I had not heard that.

Jason D. Sacks, M.P.H.
Epidemiologist
U.S. Environmental Protection Agency
National Center for Environmental Assessment
Phone: 919-541-9729

Phone: 919-541-9729 Fax: 919-541-1818

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From: Vandenberg, John

Sent: Thursday, October 04, 2018 11:02 AM

To: Greaver, Tara < Greaver. Tara@epa.gov >; Bahadori, Tina < Bahadori. Tina@epa.gov >; Sacks, Jason

<<u>Sacks.Jason@epa.gov></u>; Dutton, Steven <<u>Dutton.Steven@epa.gov></u>

Cc: Champlin, Anna <<u>Champlin, Anna@epa.gov</u>>; Ross, Mary <<u>Ross, Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Deliberative Process / Ex. 5

From: Greaver, Tara

Sent: Thursday, October 04, 2018 10:52 AM

To: Bahadori, Tina 8ahadori.Tina@epa.gov; Vandenberg, John VandenbergJohn@epa.gov; Sacks, Jason

<Sacks_Jason@epa.gov>; Dutton, Steven < Dutton.Steven@epa.gov>

Cc: Champlin, Anna < Champlin. Anna@epa.gov>; Ross, Mary < Ross. Mary@epa.gov>; Jones, Samantha

<Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

This looks great! In the attachment I added some revisions to smooth out language, but no substantive changes.

Tara

From: Bahadori, Tina

Sent: Thursday, October 4, 2018 10:36 AM

To: Vandenberg, John < Vandenberg. John@epa.gov>; Sacks, Jason < Sacks. Jason@epa.gov>; Dutton, Steven

<Dutton.Steven@epa.gov>

Cc: Greaver, Tara < Greaver, Tara@epa.gov >; Champlin, Anna < Champlin, Anna@epa.gov >; Ross, Mary

<<u>Ross.Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

John and Jason.

Deliberative Process / Ex. 5

From: Vandenberg, John

Sent: Thursday, October 4, 2018 10:12 AM

To: Bahadori, Tina <Bahadori. Tina@epa.gov>; Sacks, Jason <Sacks. Jason@epa.gov>; Dutton, Steven

<Dutton.Steven@epa.gov>

Cc: Greaver, Tara <Greaver.Tara@epa.gov>; Champlin, Anna <Champlin.Anna@epa.gov>; Ross, Mary

<Ross.Mary@epa.gov>; Jones, Samantha < Jones.Samantha@epa.gov>; Lavoie, Emma < Lavoie.Emma@epa.gov>

Subject: RE: Another urgent request for PM -- revisions here please review and add 'we are here"

Importance: High

Having trouble with onedrive so we downloaded, edited, and attached revised version to this email. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Bahadori, Tina

Sent: Thursday, October 04, 2018 9:35 AM

To: Vandenberg, John Vandenberg, John@epa.gov; Sacks, Jason Sacks, Jason@epa.gov; Dutton, Steven

<Dutton.Steven@epa.gov>

Cc: Greaver, Tara <Greaver.Tara@epa.gov>; Champlin, Anna <Champlin.Anna@epa.gov>; Ross, Mary

<<u>Ross.Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- I am sorry

Deliberative Process / Ex. 5

See if you think that works. Otherwise, I am out of the document.

Т

From: Vandenberg, John

Sent: Thursday, October 4, 2018 9:34 AM

To: Sacks, Jason <<u>Sacks.Jason@epa.gov</u>>; Bahadori, Tina <<u>Bahadori, Tina@epa.gov</u>>; Dutton, Steven

<Dutton.Steven@epa.gov>

Cc: Greaver, Tara < Greaver. Tara@epa.gov>; Champlin, Anna < Champlin. Anna@epa.gov>; Ross, Mary

<<u>Ross.Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie, Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- I am sorry

Jason and I are editing now -- suggest others wait so we don't get mixed up.

Thanks Anna for a draft to work from.

From: Sacks, Jason

Sent: Thursday, October 04, 2018 8:31 AM

To: Bahadori, Tina Bahadori, Tina@epa.gov; Dutton, Steven Dutton, Steven@epa.gov>

Cc: Vandenberg, John < Vandenberg. John@epa.gov >; Greaver, Tara < Greaver. Tara@epa.gov >; Champlin, Anna

<<u>Champlin.Anna@epa.gov</u>>; Ross, Mary <<u>Ross.Mary@epa.gov</u>>; Jones, Samantha <<u>Jones.Samantha@epa.gov</u>>; Lavoie,

Emma <<u>Lavoie.Emma@epa.gov</u>>

Subject: RE: Another urgent request for PM -- I am sorry

I have my computer at the meeting so I can look at something this morning. Just let me know when you have a draft of something.

Thanks Anna for taking a crack at this.

Jason

Jason D. Sacks, M.P.H.
Epidemiologist
U.S. Environmental Protection Agency
National Center for Environmental Assessment

Phone: 919-541-9729 Fax: 919-541-1818

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From: Bahadori, Tina

Sent: Wednesday, October 03, 2018 7:53 PM **To:** Dutton, Steven < <u>Dutton.Steven@epa.gov</u>>

Cc: Vandenberg, John <<u>Vandenberg.John@epa.gov</u>>; Sacks, Jason <<u>Sacks.Jason@epa.gov</u>>; Greaver, Tara

<Greaver.Tara@epa.gov>; Champlin, Anna <Champlin.Anna@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jones,

Samantha < Jones. Samantha@epa.gov >; Lavoie, Emma < Lavoie. Emma@epa.gov >

Subject: Re: Another urgent request for PM -- I am sorry

You are awesome. Thank you!!

Τ.

On Oct 3, 2018, at 5:45 PM, Dutton, Steven < <u>Dutton.Steven@epa.gov</u>> wrote:

Anna caught me before she caught the train so this is on our radar. Jason is attending the causal workshop tomorrow so I'm bringing Tara in to this discussion as well; she has recent experience developing a fact sheet for NOxSOxPM-Eco. Thank you Anna for getting us started.

Steve

From: Bahadori, Tina

Sent: Wednesday, October 03, 2018 5:41 PM

To: Vandenberg, John < Vandenberg. John@epa.gov>; Dutton, Steven < Dutton. Steven@epa.gov>; Sacks,

Jason <Sacks.Jason@epa.gov>

 $\textbf{Cc: Champlin, Anna} < \underline{\text{Champlin.Anna@epa.gov}}; \ \textbf{Ross, Mary} < \underline{\text{Ross.Mary@epa.gov}}; \ \textbf{Jones, Samantha}$

<Jones.Samantha@epa.gov>; Lavoie, Emma <Lavoie.Emma@epa.gov>

Subject: Another urgent request for PM -- I am sorry

John, Steve, and Jason,

Lou has urgently asked for the 1-2 page (on the lower side better) summary/fact sheet of the PM ISA...by yesterday ②. I gave Anna the PM ISA slides, along with some other materials that you all have been working on, she will take a stab at working on it this evening on her train ride home. That way, you can have something to react to in the morning. I am really sorry about all this.

Thanks!

Tina